

## MEMBRANE AND ELECTRODE STRUCTURE FOR IMPLANTABLE SENSOR

Inventor(s): Gough, et al.; Serial Number: 10/078,567  
Filing Date: 02/15/2002; Atty Docket No.: 041673-2067

1/6

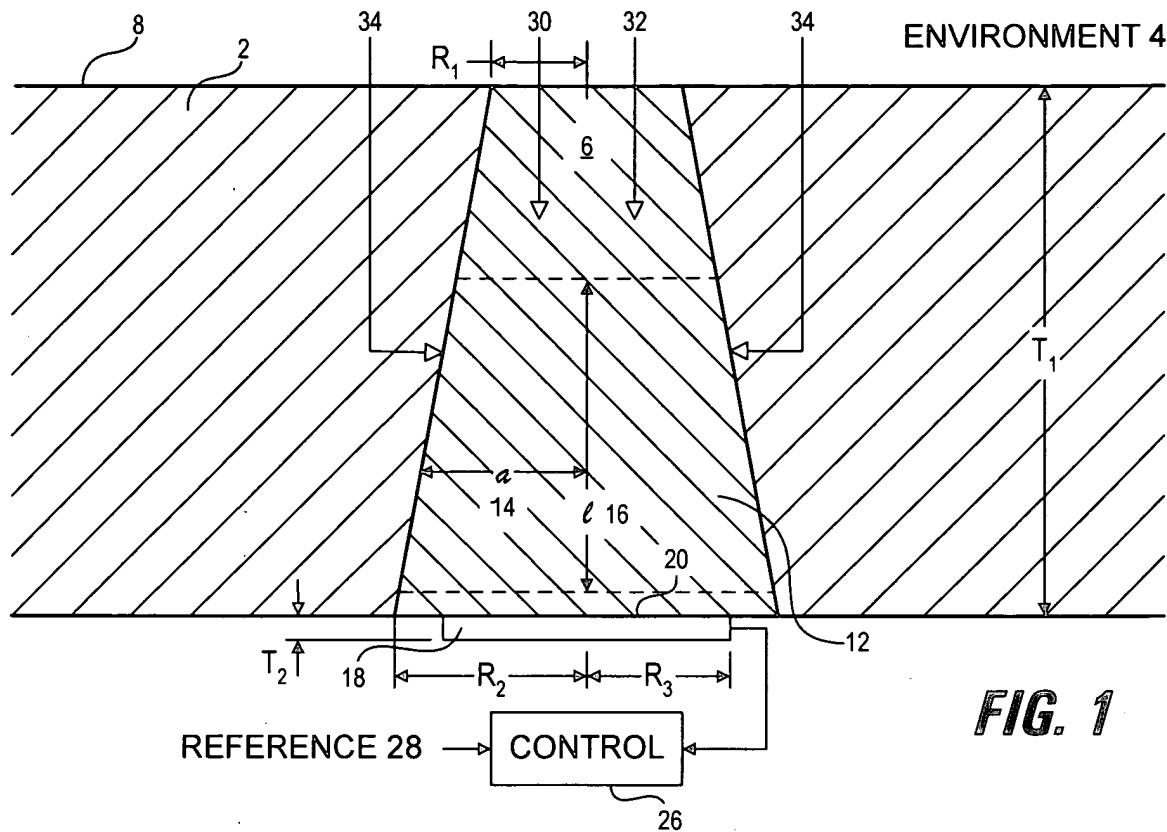


FIG. 1

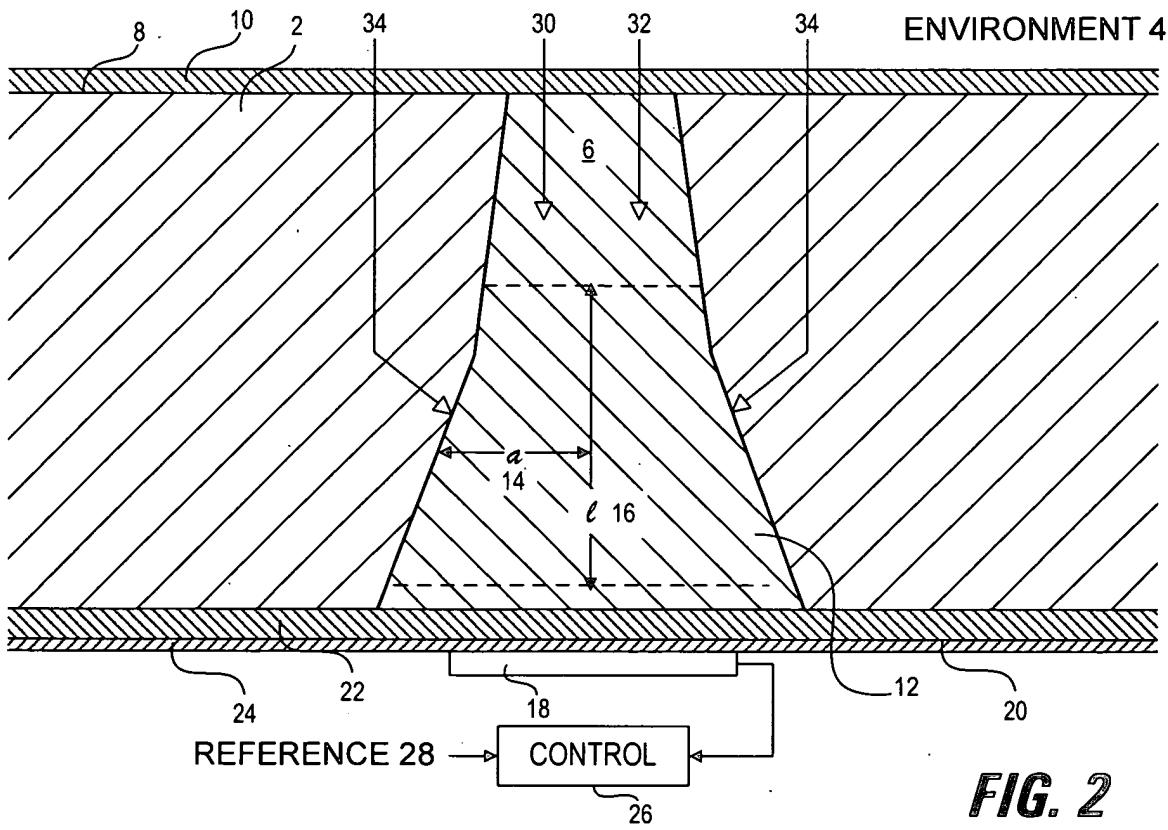
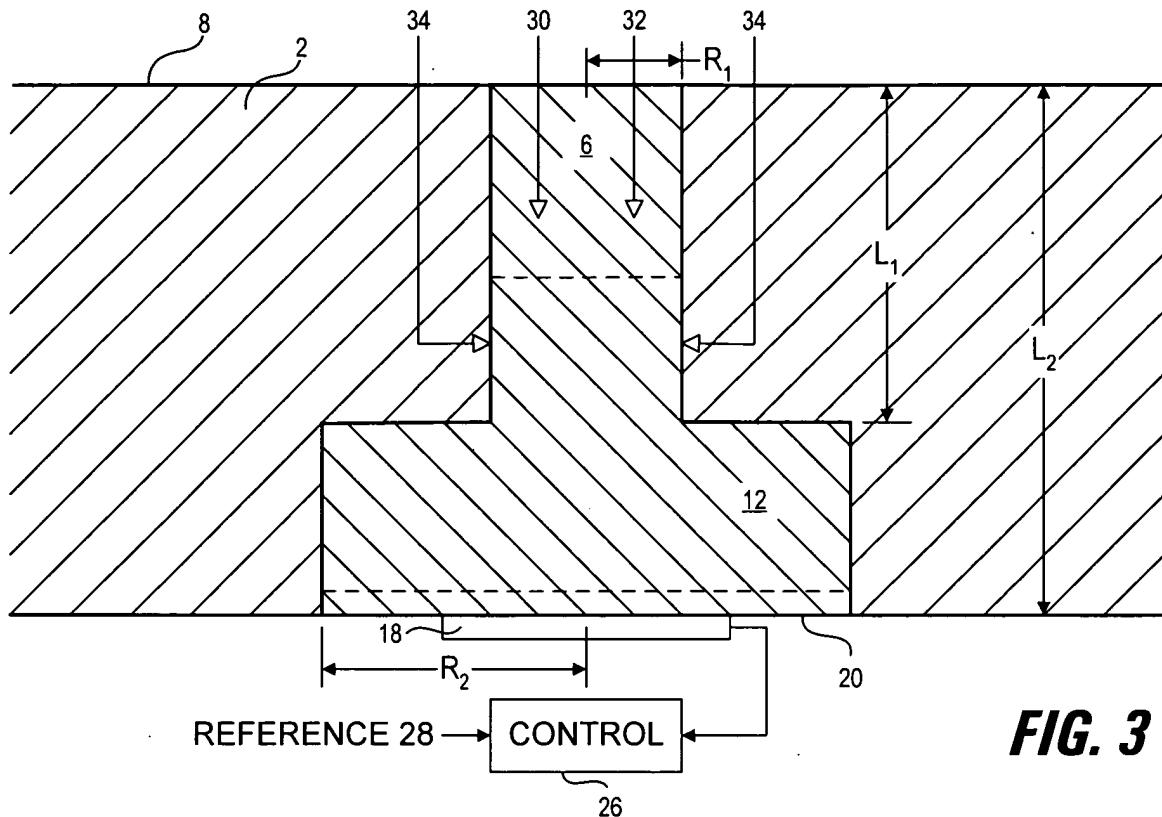


FIG. 2

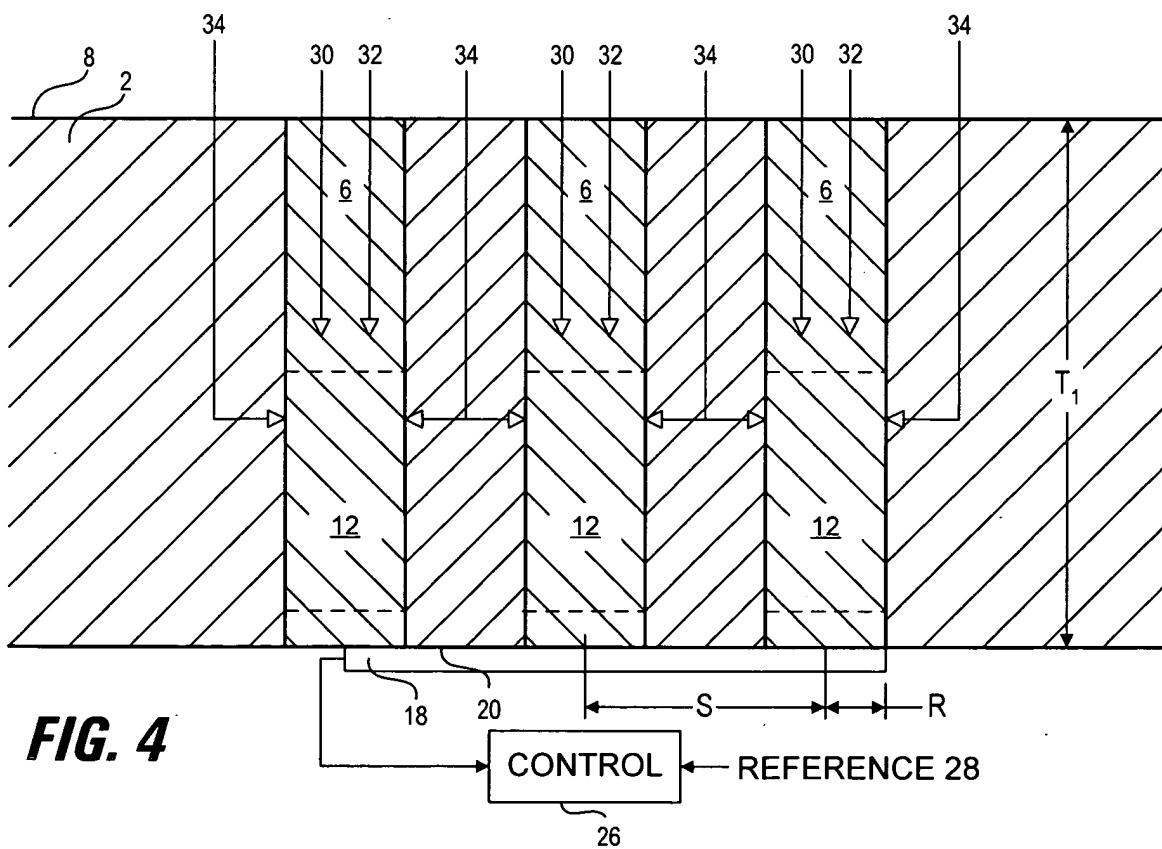
MEMBRANE AND ELECTRODE STRUCTURE  
FOR IMPLANTABLE SENSOR

Inventor(s): Gough, et al.; Serial Number: 10/078,567  
Filing Date: 02/15/2002; Atty Docket No.: 041673-2067

2/6

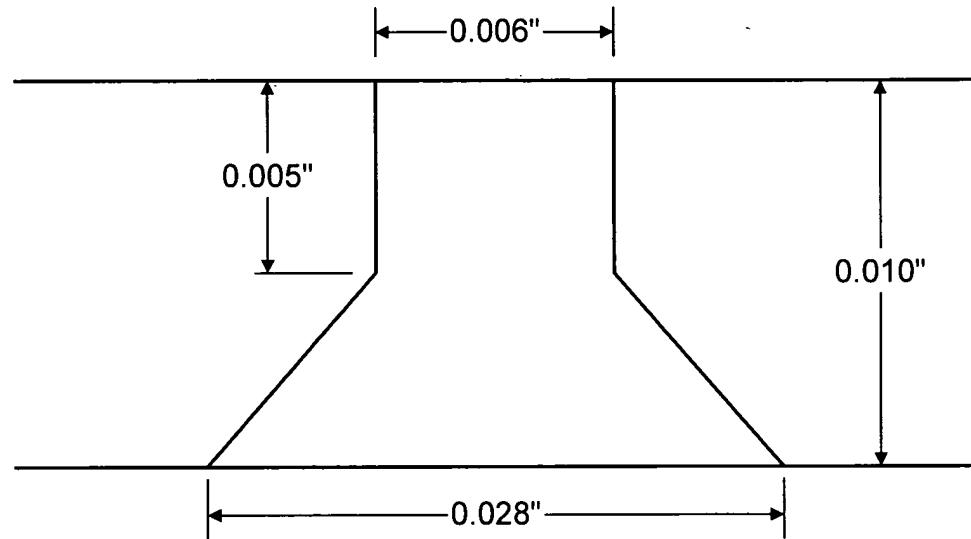


**FIG. 3**



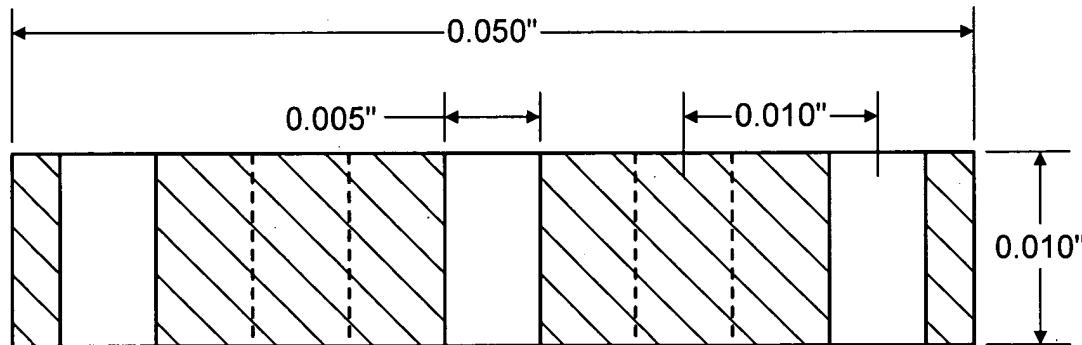
**FIG. 4**

3/6



MEMBRANE THICKNESS	0.010"
ENZYME REGION SHAPE	FUNNEL
ENZYME REGION DIAMETER AT BASE	0.028"
ENZYME REGION DIAMETER AT TOP	0.006"

**FIG. 5**



MEMBRANE THICKNESS	0.010"
ENZYME REGION SHAPE	CYLINDRICAL
ENZYME REGION DIAMETER	0.005"
ENZYME REGION SPACING	0.010" CENTER-TO-CENTER OFFSET GRID PATTERN

**FIG. 6**

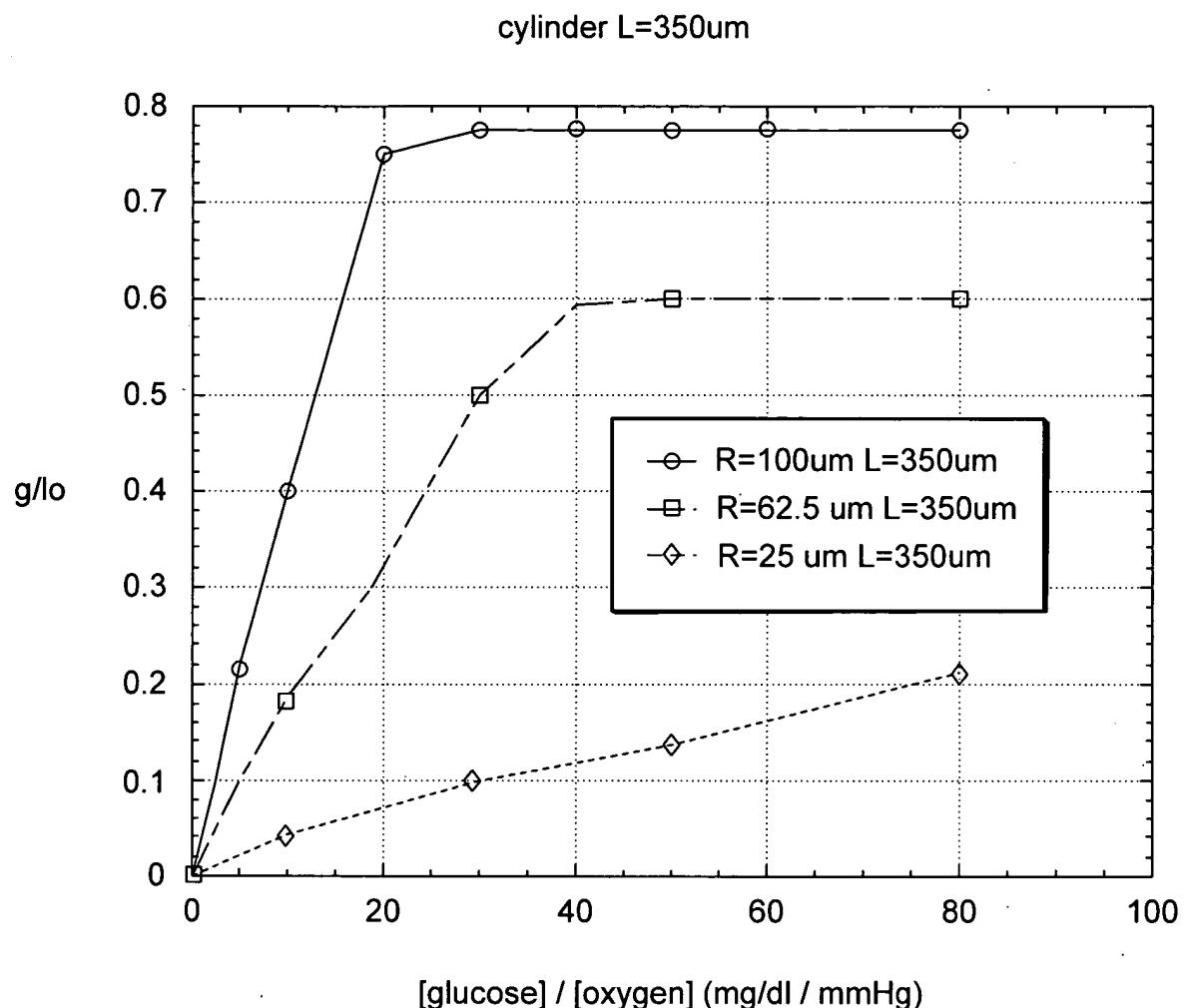
MEMBRANE AND ELECTRODE STRUCTURE

FOR IMPLANTABLE SENSOR

Inventor(s): Gough, et al.; Serial Number: 10/078,567

Filing Date: 02/15/2002; Atty Docket No.: 041673-2067

4/6



**FIG. 7A**

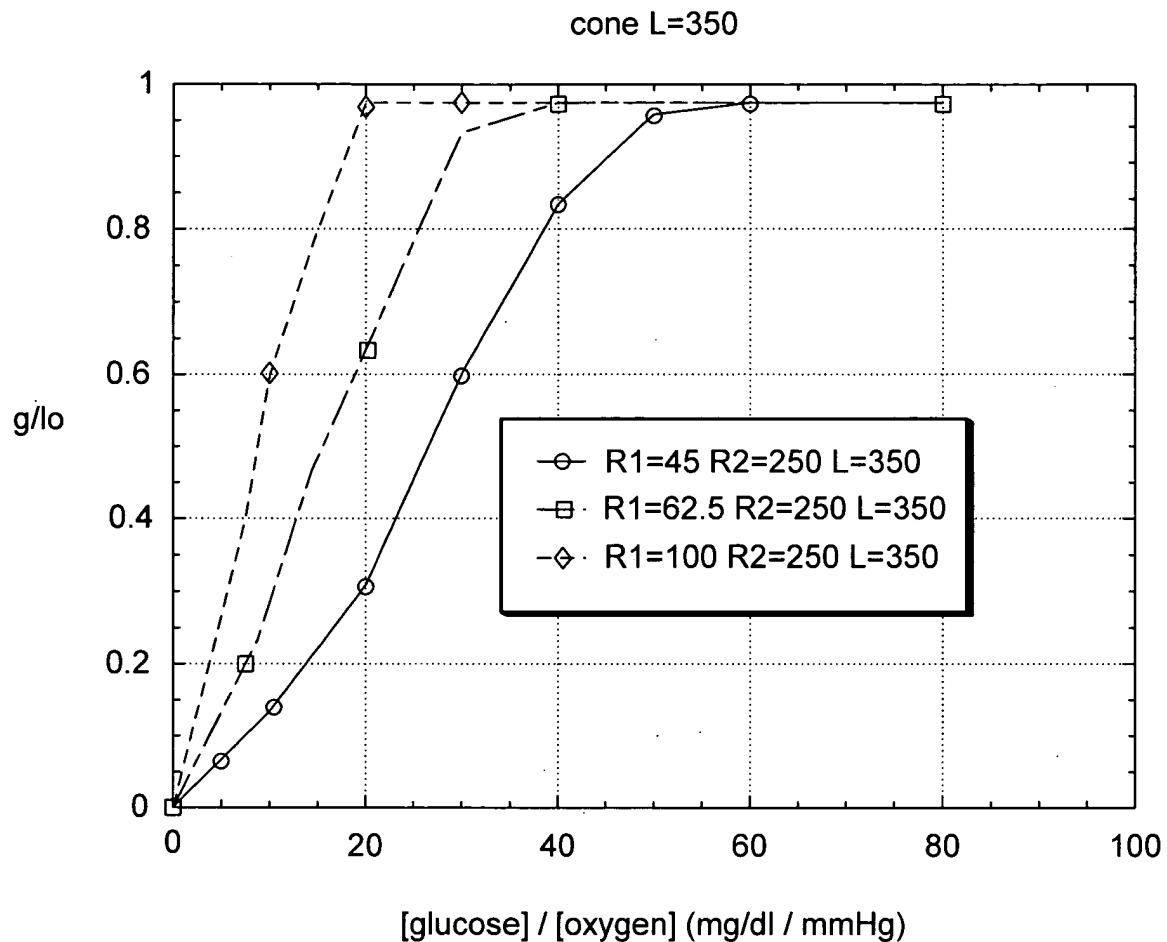
MEMBRANE AND ELECTRODE STRUCTURE

FOR IMPLANTABLE SENSOR

Inventor(s): Gough, et al.; Serial Number: 10/078,567

Filing Date: 02/15/2002; Atty Docket No.: 041673-2067

5/6

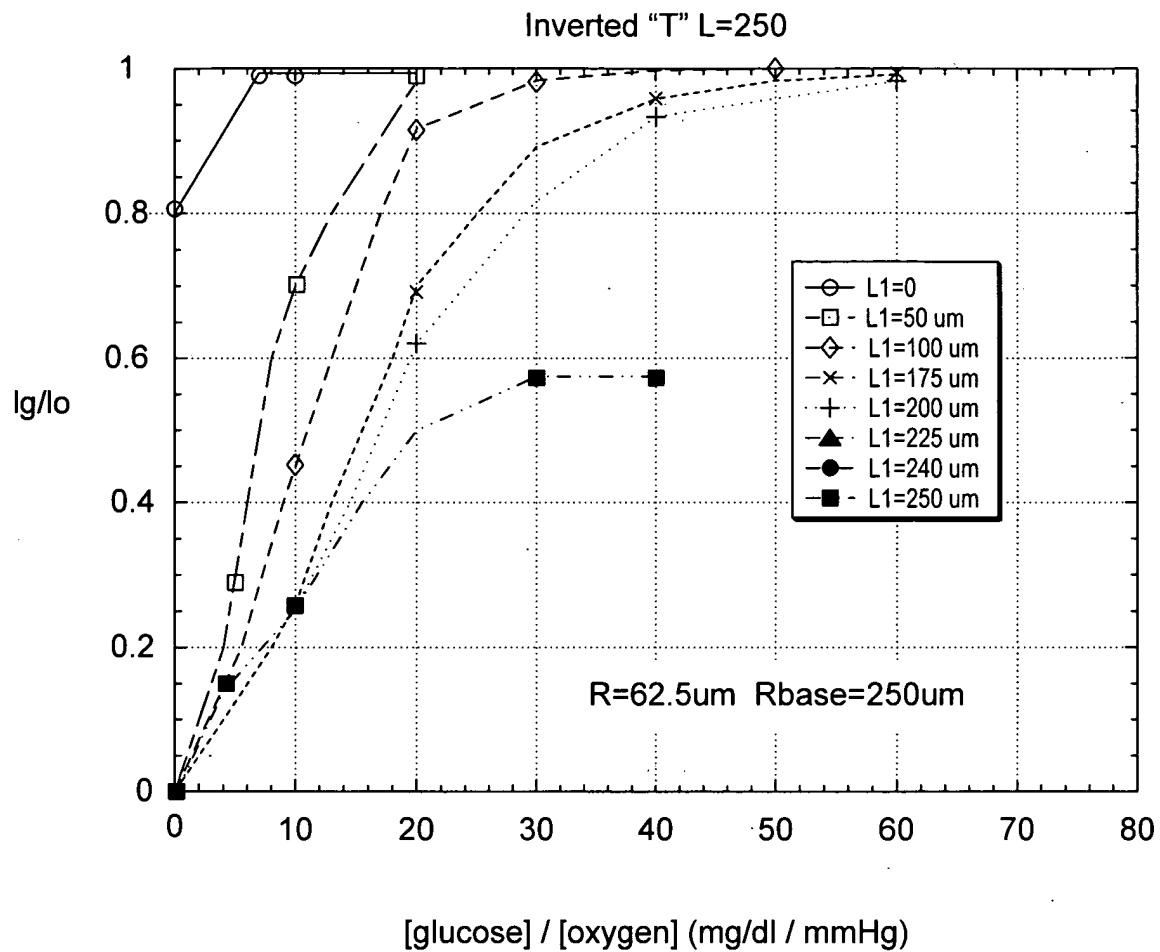


**FIG. 7B**

MEMBRANE AND ELECTRODE STRUCTURE  
FOR IMPLANTABLE SENSOR

Inventor(s): Gough, et al.; Serial Number: 10/078,567  
Filing Date: 02/15/2002; Atty Docket No.: 041673-2067

6/6



**FIG. 7C**